

# Darius (Ionel Cristian) BOTEAND



## EXPERIENCE

### Junior ServiceNow Developer - KA2 Limited

Sep 2022 – Present

My role consists in configuring ServiceNow instances as requested by our clients. This involves organising and configuring the behaviour of each field from a record form, but also the chain of actions that takes place in the backend (workflows, flows, scripts, etc). The backend consists in dealing with incidents (regular, major), change requests, managing accounts, and so on. I also configure the Service Catalogues in the Service Portal of the instance (front-end) that is accessed by the employees to carry out their duties (widgets, visual aesthetics, etc). Those catalogues are used to allow the end user to request services from the company or order particular items from the online store... Throughout my time at KA2, I have had the opportunity to develop this script for them to show my capability to utilise data scraping utilising python: I was collecting job advertisements from various websites for a given search term from the targeted websites. For this, I was utilising Selenium and Soup libraries. Following this proof of concept, they envisioned to utilise web scraping and feed the information back to a database for the inhouse product for which we started by working on a database. As I expressed my interest to cyber security, I've had the chance to explore the Mitre Att&Ck, but also about dangerous attack paths (ci/cd pipelines) as well as finding login tokens stored on browsers and decrypting them.

## CONTACT

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## LANGUAGES

English 

French 

Romanian 

Spanish 

## EDUCATION

Sep 2022  
Sep 2021

### Master of Science – MS, Cyber Security

University of Kent  
Grade: First-Class

MS Cyber Security, is the main area of interest that I currently have, and interested in pursuing a career in the field. I learned various topics varying from forensics, cryptography, to testing out dictionary attacks. Now, Python and Java were the two languages of choice that I took to carry out the tasks that we were given (each to its own preferred language). The learning we had got me to create a few cipher algorithms, to then break them and compare their efficiency (Goldwasser-Micali vs RSA). But also, as I mentioned above, to conduct this dictionary attack: given the hash of a password, investigate the personal details of a Facebook account, and find the password based on that. We didn't know which SHA algorithm was used nor the number of times this was done over itself, so we had to figure it all out. I had exposure to network security with SNORT and Wireshark, forensic tools such as Accessdata FTK Imager for metadata analysis and MFT Parser, as well as exposure to steganography, OSINT but also to information security (ISO27001).

Sep 2021  
Sep 2017

### Bachelor of Science – BS, Computer Science (Networks)

University of Kent  
Grade: Upper Second Class

Coming to the UK, I discovered my passion for programming, and thanks to this degree, I have learned all of the programming languages that I am now capable to utilise if and when needed, as well as managing projects and taking creative approaches to deliver pleasant results. As part of my dissertation, I was given the opportunity to develop this dating application for which my team members and I developed on our own server, database, website and android application. I utilised primarily java for the application and shell within the server. But I also had the chance to work on a cyber security module, with various cyphers, for which we were required to find out the right answer in java. Most of my years during this degree were focussing on Java development but plenty other programming languages. As a result many of my personal projects (recipe maker, message encryption, training planner ai, etc) were done in java.

## SKILLS

ServiceNow, Java, JavaScript, Jira, Python, Cryptography, Type Theory, PHP, React, React Native, FastAPI, Ruby on Rails, LaTeX, C, Bash, HTML/CSS, AJAX, MySQL, Erlang, Solidworks, Sketchup, Adaptability, Problem Solving, Communication, Creativity.

Jun 2017  
Far past...

### **Baccalauréat Technologique – S.T.I.2D.**

(Science Technologique de l'Industrie et du Développement Durable)

Lycée Francois Mansart, Saint-Maur des Fossés.

Grade: 14.50 (Mention Bien)

The course was preparing me to work in the field of engineering, specialising in 3D modelling to analyse force pressures and heat behaviours on various materials, and come up with prototypes.

## **CERTIFICATES**

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### **ServiceNow Certified System Administrator**

Dec 2022

This certificate was required of me as my initiation to the ServiceNow world by my company. It provides the essentials to understand how to use the basics of the platform.

### **ServiceNow Micro-Certifications**

Sep 2022 - Welcome to ServiceNow

Feb 2023 - Flow Designer

Feb 2023 - Integration Hub

All three micro-certificates are lighter equivalents of a main certification, but examined for one topic specifically.

### **CompTIA A+**

I am currently preparing this certificate on my own as I want to later obtain the Network+, Security+ and then CYSA+.